

### Amendment to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

### **Listing of Claims**

1-8. Canceled

9. (Original) A filtering induction device, comprising:

a first coil having a plurality of circles, wherein the first coil is used as an inductor and is covered with an isolation material;

a second coil having a plurality of circles interlacing with the plurality of circles of the first coil; and

a core structure coupled to the first and second coils.

10. (Original) The filtering induction device of claim 9, wherein the first coil is a flat coil.

11. (Original) The filtering induction device of claim 9, wherein the second coil is a flat coil.

12. (Original) The filtering induction device of claim 9, wherein the core structure is further comprised of:

a core base adapted to contain the first and second coils; and

a core cover disposed on the core base.

13. (Original) The filtering induction device of claim 12, wherein the core base is provided with at least one opening on a sidewall thereof, via which the first and second coils extend out from the core base.

14. (Original) The filtering induction device of claim 9, wherein a terminal of the second coil is grounded.